T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(1)	Earthwork Excavation by manual means in ordinary soil, including an average horizontal throw upto 20m and an average lift upto 0.30m, Excavated surface levelled and sides neatly dressed, the disposed Earth to be levelled neatly after breaking clods etc complete as per specifications and directions of Engineer. In-charge of work.						
	Qty vide this MB. p 249782						
	It no. (1) = 331.20 m³ @ 79/-						26165-00
2)	Providing of laying in position plain cement concrete of mix 1:4:8 with ope cement @ 180/- with 40mm nel						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wo
1	2
	downsize grad e 0.85 m³ and fo concrete laid in compacted in fo all material, labo as per specifica of the work.
	2) Providing and cons

T BOOK

sions		Contents	Reference to last Measureme
Breadth 5	Depth 6	7	8
...in ordinary soil, upto .2m and ... le levelled and sides ...le levelled neatly specifications of work.			
...e this MB. p 249782 ...0·① = 331.20 cft @ 79/-			2665.-
Cement concrete of ... with 40mm ...			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

...erial No. .....

...me of Work ..... From..... To..... 249740

...me of Contractor of nature of Agency .....

...te of commencement of work .....

Date	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	downsize graded granite metal coarse aggregate @ 0.85 cft and fine aggregate @ 0.55 cft machine mixed, concrete laid in layers not exceeding 15cms thickness well compacted in foundations and plinth, including cost of all material, labour, tools, machinery, curing etc complete as per specifications and directions of engineer in charge of the work.						
	Qty vide this MB. p 249783 ## no. ② = 20.70 cft @ 5090/-						105363.-
15	Providing and constructing precast concrete solid blocks						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	With compressive strength not less than 35 kg/sq cm with C.M 1:4 mortar (queen, jambs, closer blocks) with solid blocks of size 40×20×20 cm conforming to I.S. 2185/1967 in superstructure including cost of materials labour charges, scaffolding curing etc complete as per specifications and directions of Engineer-In-charge for the work.						
	b) drain - floor course from SWD-1 to Collecting Sump well Room	1×2	30.40	0.20	-	12.16	
		5×2	30.40	0.20	-	60.80	
		1×2	13.40	0.20	-	5.20	
						77.20 sq m	
						@ 1043.40 per 100 sq m	
	c) providing laying in position plain cement concrete 1:2:4 with						

M

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	
	4) Cement @ 240 kg with granite metal coarse aggregate @ 0.45 cum, layer not exceeding 15 cm foundation, plinth and C.M.S. Hire of machinery, cost and charges of Engineer	
	9) Existing drain vent cover	

ENT BOOK

Dimensions			Contents	Reference to last Measureme
gth	Breadth 5	Depth 6	7	8
cis thon 35 kg/42 kgs				
, closer blocks) with				
20cm Continuing ho				
in cluding cost of materials				
ete complete as per				
Engineer - In-charge				
.no	0.20	-	12.no	
.no	0.20	-	60.no	
.no	0.20	-	5.20	
			77.2042	
			@ 1043.4/-	80520.-
.c.c.of mix 1:2:4 with				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249741

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(4)	Cement @ 240 kg with 20mm and down size graded granite metal coarse aggregate @ 0.878 m3 and fine aggregate @ 0.459 m3, machine mixed concrete laid in layers not exceeding 15cms thick well compacted in foundations, plinth and sills, including costs of materials, labour, hire of machinery, curing etc complete as per specifications and directions of Engineer-in-charge works.						
9)	Existing drain vent concrete	6x1	30.no	0.60	0.15	16.20 m3	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						Total to. 1155 sq m @ 13/12	15015.00
11)	Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm with spray set (Excludes cleaning Road surface) Cost of all material, labour Hire of machineries etc Complete as per specifications and directions of Engineer incharge of work.					Qty as per Estimate No. 10. = 1155 sq m @ 20/sq m	23100.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
12)	Providing and laying dense graded crushed aggregate bituminous binder course including supply of bituminous binder and aggregates to work site, laying in required grade level and alignment, rolling with vibratory and tandem rollers and compaction as per MoRTH specifications complete in all respects

OK

Depth 6	Contents 7	Reference to last Measurement 8
5542	e 13/12	15015.00
80/100 grade		
pred surface		
boiler d.l.k		
d surface		
nivarna ele		
y Expan		
ar. (12).		
0/12		23100.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

249747

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
12)	Providing of laying dense bituminous concrete using crushed aggregate of specified grade, premixed with bituminous binder and lifting, transporting the hot mix to work site, laying with a paver finisher to the required grade level and alignment, Rolling with smooth wheeled vibratory and tandem Rollers to achieve the desired compaction as per Morth specifications clause no. 508 complete in all respects as per specification.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Depression filling				Avg		
	Bommidi	1	10.20	3.5	0.025	0.89	
	(a) Main-Road	1	8.20	3.4	0.025	0.62	
	(0.40 to 201.70 mts)	1	5.60	2.8	0.025	0.39	
		1	30.40	$\frac{4.8+4.1}{2}$	0.025	3.34	
		1	30.40	$\frac{4.1+4.35}{2}$	0.025	3.24	
		1	30.40	$\frac{4.45+4.5}{2}$	0.025	3.36	
		1	30.40	$\frac{4.5+4.0}{2}$	0.025	3.38	
		1	30.40	$\frac{4.5+4.7}{2}$	0.025	3.45	
		1	30.40	$\frac{4.7+4.7}{2}$	0.025	3.53	
		1	24.70	$\frac{4.7+4.65}{2}$	0.025	2.89	

M. A
M

Serial No. .....
Name of Work ..... Fro
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
	R/S Cross-Roads	1
	Longitudinal Layout Cross-Rd-1	1
13)	Lead for Disposal of Carriage rates by mech Unloading fm. 00.40 to 2.40	

BOOK

dth	Depth 6	Contents 7	Reference to last Measureme 8
	Avg		
	0.025	0.89	
	0.025	0.62	
	0.025	0.39	
+4.) / 2	0.025	3.34	
4.35 / 2	0.025	3.34	
+4.5 / 2	0.025	3.36	
+4.0 / 2	0.025	3.38	
4.9 / 2	0.025	3.45	
+4.7 / 2	0.025	3.53	
+4.65 / 2	0.025	3.49	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

erial No. .....
ame of Work ..... From..... To..... 249748
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	R/S Cross-Rows	1	30.60	5.20+5.8 / 2	0.025	4.39	
	Jamshuram Layout Cross. Row-1	1	10.00	5.80+5.2 / 2	0.025	1.50	
						30.67 30.784	
						Lwl Lo. 30.61 43	355749.00
						E 116224.00	
13)	Lead for Disposal of debris shall be payable at Conveyge rates by mechanical mean including loading and unloading frm. wo. No. 2. wala etc complete as per specifications						

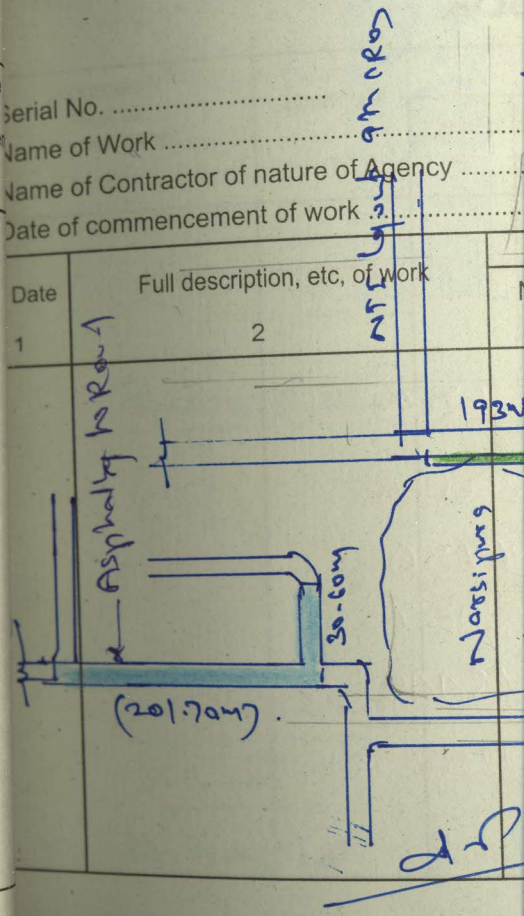
C.&FC
EE BTP

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and directions of Engineer-In-charge of the work.						
	Qty as per Item No. (1)					= 331.20 Sq.m	
	Less					298.08 Sq.m	
						@ 76/-	22654.00
						Total Rs	20,77,991.00
	Add 1% for third party Inspection Chgs						14826.00
						Total Rs	20,92,817.00
	Certificate						
	1) Certified that the Contractor has done satisfactorily						
	by the Contractor has executed the above						

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....



BOOK

...ns		Contents	Reference to last Measurement
...eadth 5	Depth 6	7	8
...th work			
...1st no. (1)		= 331.20 sq.m	
Total Qty.		298.084 sq.m	
		@ 76/-	22654.00
			2069165-00
Total Rs			20,77,991.00
Third party Inspection Charges			14826.00
Total Rs			20,92,817.00
			2069165-00

...work

Assistant Executive Engineer
...anyapura Sub Division
...MP, Bangalore - 97

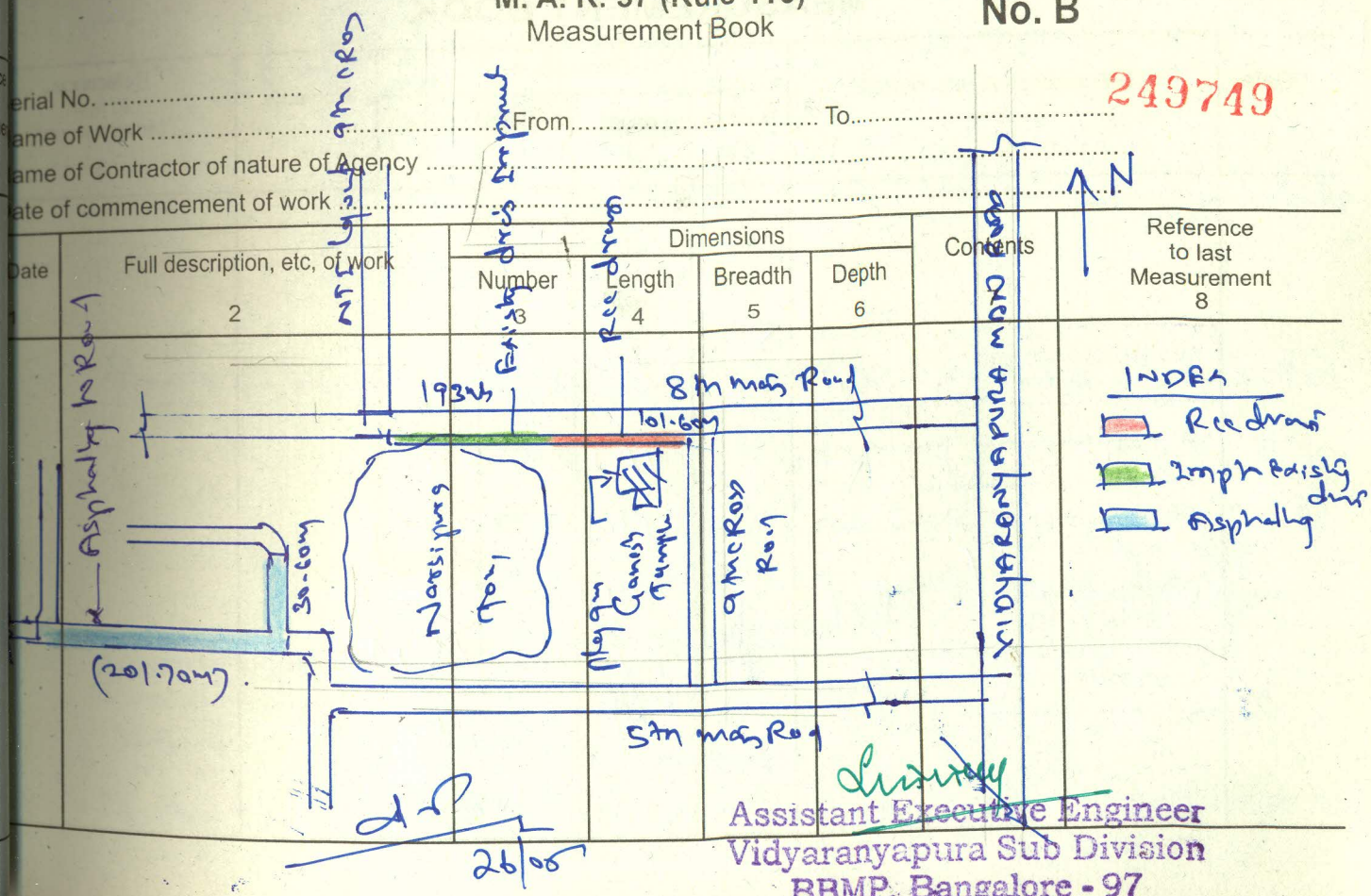
M. A. R. 57 (Rule 116)
Measurement Book

No. B

249749

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....
From ..... To .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6		8



26/05

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

BR. 8-B
30/5/15

MEASUREMENT BOO

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth			
1	2	3	4	5		7	8

Audited & Admitted to Rs
2069760-00

1797445-00 By Cheque

and Rs 272715-00 By Account

Accts. Suptd.
Byatarayanapura Dn
BBMP

Byatarayanapura Dn
BBMP

27/5/16

IT - 20692.00
VAT - 82766.00
LWF - 20692.00
CESS - 2070.00
ESD - 134495.00
SR - 11000.00
Total Add^n - 272715.00

SBRAO-174/15-

Serial No. Final and Part Bill
Name of Work
Name of Contractor of nature of Agenc
Date of commencement of work

Date	Full description, etc, of work
1	2
	Deviation Items
	Contingencies
	MB.No
	W.order.No